

Message

From: Bury, Carolyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DE91ECB9B8C044A4BF4C350615AE3633-CBURY]
Sent: 7/31/2018 4:30:45 PM
To: Brad Gentry [bgentry@iwmconsult.com]; Joe Bianchi (jbian@amphenol-aao.com) [jbian@amphenol-aao.com]
CC: Sundar, Bhooma [sundar.bhooma@epa.gov]; Caudill, Motria [caudill.motria@epa.gov]; Neal, Conor [Neal.Conor@epa.gov]
Subject: RE: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results

Thanks, Brad.

This is good news.

Left you a voice mail. Would like to talk through these results and also wondering what the schedule is for data validation.

Also – please do not continue to copy Mario on email, not sure how he stayed in the loop.

Carolyn

From: Brad Gentry [mailto:bgentry@iwmconsult.com]
Sent: Tuesday, July 31, 2018 7:58 AM
To: Bury, Carolyn <bury.carolyn@epa.gov>; Joe Bianchi (jbian@amphenol-aao.com) <jbian@amphenol-aao.com>
Cc: Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>
Subject: RE: Amphenol Work Plan Conditional Approval - Ambient Air Sampling Results

Carolyn

Good morning. We have received the results from Pace for the ambient air and air stripper effluent exhaust stack sampling event we completed on 7/26/18. The wind direction recorded by the onsite weather station indicated that the wind was coming from southwest/west throughout the entire sampling event, with the predominant direction being from the southwest. The wind direction at the beginning of the test was from the southwest; therefore, we moved the eastern perimeter sampling location further north to account for the southwest wind direction. All sampling locations were approved in the field by the onsite representative (Mr. Don Stilz) from the Indiana Department of Environmental Management (IDEM). The results confirm compliance at all perimeter sampling locations. Attached is a map displaying the analytical results and a copy of the analytical report.

As expected, the highest VOC results were obtained from the exhaust stack of the groundwater pump and treat air stripper (measured flow rate of 70 cfm). These concentrations were consistent with and even a bit less (both indicate less than 0.08 lbs/day of total VOCs being emitted from the exhaust stack) than what we originally estimated for air emissions based upon the calculated mass removal rate of the groundwater pump and treat system. Ambient air samples obtained from the north and south perimeter sampling locations exhibited non-detectable concentrations of all VOCs.

TCE was detected in the ambient air samples obtained from the western (2 samples) and eastern (1 sample plus the duplicate sample) perimeters. The ambient air TCE concentrations were 0.43 ug/m³ (West central sampling location) and 0.087 ug/m³ (southwest sampling location) along the western perimeter (upwind). The eastern sample (downwind from the air stripper exhaust stack) exhibited a TCE concentration of 0.20 ug/m³ and the duplicate sample exhibited a TCE concentration of 0.16 ug/m³. These results suggest that there may be a potential offsite source for TCE west/southwest of west central sampling location.

Don Stilz from IDEM has requested an update regarding the sampling results. He is scheduled to have a teleconference with EWA this morning at 11 AM local time. I told him that I would be submitting the results to you since the

information was requested by the EPA. You in turn, can provide the information to Don if you are OK with releasing the data before the 3rd party validation has been completed.

Please contact me if you need anything else or have any questions.

Sincerely,

Bradley E. Gentry, LPG
Vice President/Brownfield Coordinator
IWM Consulting Group, LLC
7428 Rockville Road
Indianapolis, IN 46214
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From: Brad Gentry
Sent: Wednesday, July 25, 2018 6:30 PM
To: 'Bury, Carolyn' <bury.carolyn@epa.gov>; Joe Bianchi (jbian@amphenol-aao.com) <jbian@amphenol-aao.com>
Cc: Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>; STILZ, DON (DSTILZ@idem.IN.gov) <DSTILZ@idem.IN.gov>
Subject: RE: Amphenol Work Plan Conditional Approval

Carolyn

The letter has been received and the comments have been noted, thank you. We will initiate the sampling activities tomorrow and Don Stilz from IDEM is scheduled to meet me at the site tomorrow between 8:30 and 9:00 AM.

I will work with Don when finalizing the sampling locations, based upon the observed wind direction at the start of the test and have reached out to the lab (Pace) regarding the SIMs detection limit for TCE. They have indicated that they will be able to reach the requested reporting limit using SIM (see attachment). However, they will have to check to see if the individual canister certifications completed last week meet the requested reporting limit. I will let you know once I hear back from them.

Thank you again for the quick review and have a good evening.

Sincerely,

Bradley E. Gentry, LPG
Vice President/Brownfield Coordinator
IWM Consulting Group, LLC
7428 Rockville Road
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From: Bury, Carolyn <bury.carolyn@epa.gov>
Sent: Wednesday, July 25, 2018 6:01 PM
To: Joe Bianchi (jbian@amphenol-aao.com) <jbian@amphenol-aao.com>
Cc: Brad Gentry <bgentry@iwmconsult.com>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>; STILZ, DON (DSTILZ@idem.IN.gov)

[<DSTILZ@idem.IN.gov>](mailto:DSTILZ@idem.IN.gov)

Subject: Amphenol Work Plan Conditional Approval

Hi Brad,

Please see the attached letter and let me know if you have any questions.

I hope the weather cooperates.

Carolyn

Carolyn Bury

Corrective Action Project Manager

Remediation and Re-use Branch

Land and Chemicals Division

U.S. Environmental Protection Agency

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